

3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask 1804/1804S

User Instructions

IMPORTANT: *Keep these User Instructions for reference*

WARNING

This respirator helps protect against certain particulate contaminants but does not eliminate exposure to or the risk of contracting any disease or infection. **Misuse may result in sickness or death.** For correct use, consult supervisor and *User Instructions*, or call 3M in U.S.A., 1-800-247-3941. In Canada, call Technical Service at 1-800-267-4414.

IMPORTANT:

Before use wearer must read and understand these *User Instructions*. Keep these *User Instructions* for reference.

Description:

The 3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask 1804/1804S is designed to help provide respiratory protection for the wearer. This respirator has a filter efficiency level of at least 95% against particulate aerosols free of oil[†]. It is fluid resistant[‡] and meets > 99% bacterial filtration efficiency (BFE)[±]. It is disposable and is cleared to be worn in surgery. It can fit a wide range of face sizes.



Not made with natural rubber latex.

Intended use:

This product meets CDC guidelines for *M. tuberculosis* exposure control.* As a respirator, it is intended to help reduce wearer exposure to certain airborne particles, including those generated by electrocautery, laser surgery, and other powered medical instruments. As a surgical mask, it is designed to be fluid resistant to splash and spatter of blood and other infectious materials[‡].

Contraindications:

3M recommends that this respirator is not for industrial use. Not for use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing edge of the respirator. Does not protect against gases or vapors (i.e. anesthetic gases such as isoflurane or vapors from sterilants such as glutaraldehyde.) **This respirator was not designed to be used by children.**

[†] Tested against 0.3 micron particles (mass median aerodynamic diameter) per U.S. 42 CFR 84.

[‡] Meets ASTM Fluid Resistant Challenge F1862 at 80 mmHg

[±] Meets ASTM Standard Test Method for Bacterial Filtration Efficiency F2101.

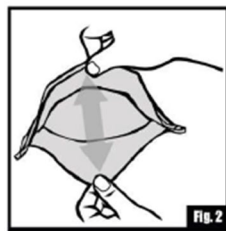
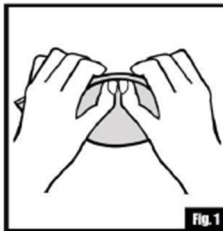
* Centers for Disease Control and Prevention. 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings.

Use Instructions:

S – Special or Critical User Instructions: This respirator has been approved as a NIOSH N95 filtering facepiece respirator, for use in healthcare settings, as a Surgical N95 Respirator conforming to recognized standards for biocompatibility, flammability, and fluid resistance at 80 mmHg.

1. Before occupational use of this respirator, a written respiratory protection program must be implemented meeting all the local government requirements. In the United States, employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training and fit testing. Select and use respirator in accordance with all applicable regulations, standards and professional guidance. Fit testing must be performed while the test subject is wearing any applicable safety equipment that may be worn during actual respirator use which could interfere with respirator fit, such as hair bonnets and eyewear. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Follow all applicable local regulations. This respirator is designed for occupational/professional use by adults who are properly trained in its use and limitations. The 3M FT-10 (sweet solution) or FT-30 (bitter solution) Qualitative Fit Test Apparatus or other OSHA accepted fit test protocols are recommended for fit testing this respirator.
2. Inspect respirator before each use to ensure that it is in good operating condition. Examine all the respirator parts for signs of damage including the two headbands, staples, nose clip and facepiece material. Ensure there are no holes in the breathing zone other than the punctures around staples and no damage has occurred. Enlarged holes resulting from ripped or torn filter material around staple punctures are considered damaged. Staple perforations do not affect NIOSH approval. The respirator should be disposed of immediately upon observation of damaged or missing parts.
3. Leave the contaminated area immediately and contact your supervisor if dizziness, irritation or other distress occurs.
4. Respirator may be used until damaged, breathing becomes difficult or contaminated with blood or body fluids. Discard after every use when used for surgical procedures. Follow national, state, local, and facility infection control guidance and policies.

Fitting Instructions: Must be followed each time respirator is worn.



1. Place fingers from both hands on top side of nosepiece. Place both thumbs underneath side of nosepiece and bend slightly at center of nosepiece (Fig. 1).
2. Unfold the respirator by pulling top part (with nosepiece) up and bottom part down so the respirator is open all the way (Fig. 2). Straps should be held on the top panel.
3. Place respirator against your face with the bottom under your chin, and the nosepiece across the bridge of your nose. Hold the respirator on your face with one hand. With your other hand pull the bottom securely under your chin (Fig. 3).
- 4a. Pull one strap over your head and position it around the neck below your ears (Fig. 4a).
- 4b. Pull second strap over your head and position it high on the back of your head (Fig. 4b). Tabs on side of respirator may be used to further adjust facepiece for a comfortable fit as necessary.

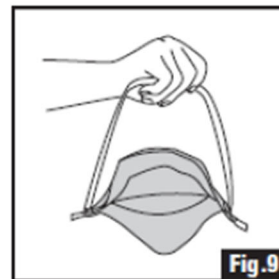
Make certain hair, facial hair, jewelry and clothing are not between your face and the respirator as they will interfere with fit.

Make certain respirator is completely opened and edges lay flat against your face.

- 4c. Adjust for a comfortable fit by pulling bottom edge under chin while holding top edge on nose (Fig. 4c).
 5. Place your fingertips from both hands at the top of the nosepiece. Use both hands to bend the nosepiece to fit snugly against your nose and face (Fig. 5). Slide fingers down both sides of the nosepiece to seal it against your nose and face. ⚠ Pinching the nosepiece using one hand may result in improper fit and less effective respirator performance. (Use two hands.)
 6. Perform a User Seal Check. To check the respirator-to-face seal, place both hands completely over the respirator and exhale (Fig. 6). Be careful not to disturb the position of the respirator.
- If air leaks around the nose, re-adjust the nosepiece as described in step 5. If air leaks around respirator edges, adjust position of straps and make certain respirator edges fit snugly against the face.

If you CANNOT achieve a proper seal, DO NOT enter the contaminated area. See your supervisor.

Removal Instructions:



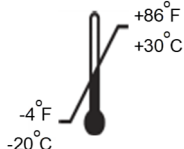



1. Without touching the respirator facepiece, slowly lift the bottom strap from around your neck up and over your head (Fig. 7).
2. Then lift off the top strap (Fig. 8).
3. Store or discard according to your facility's infection control policy (Fig. 9). Dispose of used product in accordance with applicable regulations.

Storage Conditions and Shelf Life:

Before use, store respirators in the original packaging, away from contaminated areas, dust, sunlight, extreme temperatures, excessive moisture and damaging chemicals. When stored in original packaging between temperatures from -4°F (-20°C) to +86°F (+30°C) and not exceeding 80% RH, the product may be used until the date specified on packaging located next to the “Use by Date” symbol.

Explanation of Symbols (For additional symbols visit www.3m.com/respirator-symbols-glossary)

Symbol	Symbol Title	Description and Reference
	Use-by date	Indicates the date after which the medical device is not to be used. Source: ISO 15223, 5.1.4
	Batch code	Indicates the manufacturer's batch code so that the batch or lot can be identified. Source: ISO 15223, 5.1.5
	Temperature limit	Indicates the temperature limits to which the medical device can be safely exposed. Source: ISO 15223, 5.3.7
	Humidity limitation	Indicates the range of humidity to which the medical device can be safely exposed. Source: ISO 15223, 5.3.8

NIOSH Approved N95 Respirator

At least 95% filtration efficiency against solid and liquid aerosols that do not contain oil.



3M
St. Paul, Minnesota, USA
1-800-243-4630
1804 Type Respirators



THESE RESPIRATORS ARE
APPROVED ONLY IN THE
FOLLOWING CONFIGURATIONS:

		RESPIRATOR COMPONENTS		
		FILTERING FACEPIECE		
TC-	PROTECTION ¹	1804	1804S	CAUTIONS AND LIMITATIONS ²
84A-7789	Surgical/N95	X		ABCJMNOS
84A-7790	Surgical/N95		X	ABCJMNOS

1. PROTECTION

N95 - Particulate Filter (95% filter efficiency level) effective against particulate aerosols free of oil; time use restrictions may apply.

2. CAUTIONS AND LIMITATIONS

- A - Not for use in atmospheres containing less than 19.5 percent oxygen.
- B - Not for use in atmospheres immediately dangerous to life or health.
- C - Do not exceed maximum use concentrations established by regulatory standards.
- J - Failure to properly use and maintain this product could result in injury or death.
- M - All approved respirators shall be selected, fitted, used and maintained in accordance with MSHA, OSHA and other applicable regulations.
- N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O - Refer to User's Instructions, and / or maintenance manuals for information on use and maintenance of these respirators.
- S - Special or critical User's Instructions and/or specific use limitations apply. Refer to User's Instructions before donning.

Rev. B: 01-23-2024

(Not part of label) mmm1222_1804DLb.xls

FOR MORE INFORMATION and assistance on 3M Company products, contact your local 3M representative or call 3M Company Helpline toll free in USA 1-800-243-4630. In Canada, call 3M Helpline at 1-800-267-4414.



3M Company
2510 Conway Ave.
St. Paul, MN 55144

1-800-243-4630

www.3M.com/workersafety

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